

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 December 2004 (29.12.2004)

PCT

(10) International Publication Number
WO 2004/112634 A3

(51) International Patent Classification⁷: **A61C 13/20**

(21) International Application Number:
PCT/KR2004/001565

(22) International Filing Date: 26 June 2004 (26.06.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0042244 26 June 2003 (26.06.2003) KR

(71) Applicant and

(72) Inventor: **AHN, Jae-Wan** [KR/KR]; 384-9 Hyomok2-dong, Dong-gu, Daegu 701-845 (KR).

(74) Agents: **PARK, Kyungwan** et al.; Sewon Bldg., 2nd Fl., 823-48, Yeoksam-dong, Gangnam-gu, Seoul 135-933 (KR).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

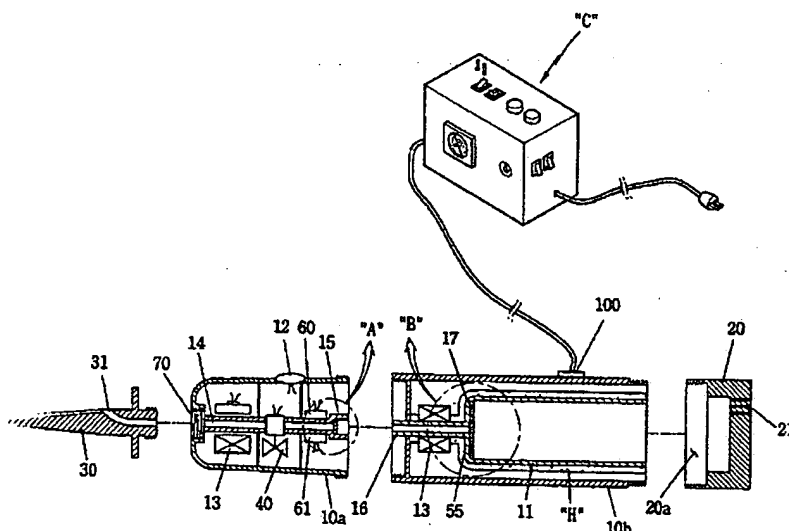
- with international search report
- with amended claims

(88) Date of publication of the international search report:
17 February 2005

Date of publication of the amended claims: 14 April 2005

[Continued on next page]

(54) Title: **ELECTRIC WAX CHISEL**



(57) Abstract: Disclosed is an electric wax chisel. A main body having a shape of hollow cylinder includes a tank provided inside the hollow cylinder. The tank contains wax. A chisel tip having a hole is installed at one end of the main body. A heating member is disposed in the outer face of the tank. A control box is electrically connected with the main body by an electric wire. The main body comprises a first chamber and a second chamber. The first chamber has an exit hole at one end, in which the chisel tip is mounted, and an inlet hole at the other end. The second chamber has a discharging hole correspond to the inlet hole, and a tank to contain a wax. A terminal for supplying an electric power is disposed in the second chamber. A cap for sealing the second chamber is provided. The cap has a space depressed inwardly along the tube axis. Therefore, the electric wax chisel is improved so as to use easily and conveniently.

WO 2004/112634 A3



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.